

# NCR 11014482 - Individual Granule Options

This solution is not going to work, and ASTER orders will use the legacy workflow going forward.

## NCR Description

The new order form page for ASTER data in REVERB OPS does not seem to work correctly. After a user has searched for ASTER L1A data (ASTER L1A Reconstructed Unprocessed Instrument Data V003) and selected the granules they want to order they can continue on to the order form page. Currently all of the products under the "option definition" drop down are available regardless of what data is selected or whether the product selected is valid for those granules. This used to be fine with the old order form since an edit was performed on that form and the user was shown which granules did not qualify for the selections they made. The user could not submit the order until all the granules had a valid option. They could then either remove those granules from the order or select another separate product within the same order for those granules. Unfortunately the new form does not seem to offer that option. It looks like the only option the user has now is to make the same product for every granule in their order and without the pre-check edits the user doesn't know that some of their granules might not qualify for the product they choose.

What I'm seeing in OPS now is that I am able to add 10 AST\_L1A granules to the shopping cart and select an AST\_07 product for all 10 granules. Since some of these 10 granules I selected did not qualify to make an AST\_07 product the actual order would fail if it was sent to us at LP DAAC. Without the edit up front in REVERB I was not informed of this problem and could not choose a separate product for those granules that did not qualify to make an AST\_07 product. REVERB does appear to be performing an edit after the submit order button is pressed since it does not actually submit the order. What the user sees is a message in a red error box that says "Your order submission failed, please contact user services."

If you are an experienced ASTER user you might be able to figure out which granules do not qualify for the selections you made and remove those granules from the order, but inexperienced users are not going to know why they can't order their products. This is going to put an unnecessary burden on our User Services department.

The edits for the old ASTER order submission form should be reviewed and added back into the new submission form as soon as possible.

It would be preferable to allow the user to order multiple products from different granules within the same order, but if we are limiting the customer to one product type in their order then they need to know which granules are not valid for that order. (This is different from the feature to order multiple products from the same granule that is only available in Partnertest for the AST\_L1A data.)

I have put together some mockups of how this would work.

## Current Version

## Ordering 3 items from "ASTER L1A Reconstructed Unprocessed Instrument Data V003"

### Order Options

Option Definition

AST\_09XT

### Distribution Options

Media Type: Http Pull

Http Pull Media Format: File

### Processing Options

Data Format: HDF-EOS

Aerosols: Climatology

Column Ozone: OZ2DAILY - NCEP TOVS

Moisture, Temperature, Pressure: GDAS0ZFH - NOAA/NCEP

3 items [Collapse Item List](#)

Show 10 entries

Item Name	Start Time	End Time	Size
<input type="checkbox"/> AST_L1A#003_03062000003058_12202002162310.hdf2000-03-06T00:30:58.325000Z	2000-03-06T00:30:58.325000Z	2000-03-06T00:30:58.325000Z	116.299
<input type="checkbox"/> AST_L1A#003_03062000003040_12202002162234.hdf2000-03-06T00:30:40.577000Z	2000-03-06T00:30:40.577000Z	2000-03-06T00:30:40.577000Z	116.31
<input type="checkbox"/> AST_L1A#003_03062000003022_12202002162159.hdf2000-03-06T00:30:22.829000Z	2000-03-06T00:30:22.829000Z	2000-03-06T00:30:22.829000Z	116.309

First Previous 1 Next Last

[Remove Selected Granules From Order](#)

[Remove All Items From Order](#)

## Proposed Changes

**new button**

First Previous 1 Next Last

[Use Different Options for Selected Granules](#) [Remove Selected Granules From Order](#)

[Remove All Items From Order](#)

Clicking this button will create another set of options with only these granules included. This will allow you to set alternate options on these granules.

Do not remove items in this order from

[Back](#) [Cancel Order](#) [Submit Order](#)

### Order Options

Option Definition

AST\_05

when split they become numbered option sets

new selectable set of options

#### Distribution Options

Media Type: Http Pull

Http Pull Media  
Format: File

#### Processing Options

Data Format: HDF-EOS

Aerosols: Climatology

Column Ozone: OZ2DAILY - NCEP TOVS C

Moisture,  
Temperature,  
Pressure: GDAS0ZFH - NOAA/NCEP

3 items [Collapse Item List](#)

Show 10 entries

Item Name	Start Time	End Time	Size
<input type="checkbox"/> AST_L1A#003_03062000003058_12202002162310.hdf2000-03-06T00:30:58.325000Z	2000-03-06T00:30:58.325000Z	2000-03-06T00:30:58.325000Z	116.299
<input type="checkbox"/> AST_L1A#003_03062000003040_12202002162234.hdf2000-03-06T00:30:40.577000Z	2000-03-06T00:30:40.577000Z	2000-03-06T00:30:40.577000Z	116.31
<input type="checkbox"/> AST_L1A#003_03062000003022_12202002162159.hdf2000-03-06T00:30:22.829000Z	2000-03-06T00:30:22.829000Z	2000-03-06T00:30:22.829000Z	116.309

First Previous 1 Next Last

[Use Different Options for Selected Granules](#) [Remove Selected Granules From Order](#)

[Remove All Items From Order](#)

### Option Set 2 - Ordering 3 items from "ASTER L1A Reconstructed Unprocessed Instrument Data V003"

### Order Options

Option Definition

AST\_09XT

#### Distribution Options

Media Type: Http Pull

Http Pull Media  
Format: File

#### Processing Options

Data Format: HDF-EOS

Aerosols: Climatology

Column Ozone: OZ2DAILY - NCEP TOVS C

Moisture,  
Temperature,  
Pressure:

GDAS0ZFH - NOAA/NCEP

3 items [Collapse Item List](#)

Show 10 entries

Item Name	Start Time	End Time	Size
<input type="checkbox"/> AST_L1A#003_03062000003058_12202002162310.hdf	2000-03-06T00:30:58.325000Z	2000-03-06T00:30:58.325000Z	116.299
<input type="checkbox"/> AST_L1A#003_03062000003040_12202002162234.hdf	2000-03-06T00:30:40.577000Z	2000-03-06T00:30:40.577000Z	116.31
<input type="checkbox"/> AST_L1A#003_03062000003022_12202002162159.hdf	2000-03-06T00:30:22.829000Z	2000-03-06T00:30:22.829000Z	116.309

First Previous 1 Next Last

Use Different Options for Selected Granules

[Remove Selected Granules From Order](#)

[Remove All Items From Order](#)

Do not remove items in this order from the shopping cart ☐

[Back](#)

[Cancel Order](#)

[Submit Order](#)